



IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A mobile communications control method of controlling mobile communication by a mobile terminal in a network in which a plurality of wireless systems are available, the method comprising:

location registering the mobile terminal with a location registration area associated with one of the plurality of wireless systems, said location registering including

transmitting broadcast information including location registration area information of the plurality of wireless systems,

receiving a location registration request including location registration area information from the mobile terminal,

updating location registration area information of the mobile terminal according to the location registration area information from the location registration request of the mobile terminal; and

selecting, [[using]] at a network control function layer, a wireless system as a selected wireless system, on which to perform location registration, said location registration including associating the mobile terminal with a location area of the selected wireless system, from among the wireless systems, a ~~wireless system with which the mobile terminal performs location registration~~, based on at least one of a status of the network, a status of the mobile terminal, location information of the mobile terminal, a frequency of incoming call reception of the mobile terminal, and service area information of the wireless systems.

Claim 2 (Currently Amended): A control system for controlling mobile communication by a mobile terminal in a network in which a plurality of wireless systems are available, the system comprising:

a network status management function component, at a network control function layer, configured to manage a status of the network, the network including the plurality of wireless systems;

a network information broadcast function component, at the network control function layer, configured to broadcast location area information of the plurality of wireless systems of the network;

a location information and user information management function component, at the network control function layer, configured to manage location information and user information;

an instructor, at the network control function layer, configured to instruct the mobile terminal to the selected wireless system;

a selector, at the network control function layer, configured to select from among the wireless systems, a wireless system with which the mobile terminal performs location registration as the selected wireless system, based on at least one of a status of the network, a status of the mobile terminal, location information of the mobile terminal, a frequency of incoming call reception of the mobile terminal, and service area information of the wireless systems; and

~~an instructor configured to instruct the selected wireless system to the mobile terminal.~~

Claim 3 (Currently Amended): The control system as set forth in claim 2, wherein the selector is ~~arranged~~ configured to select a wireless system different from a wireless system specified in a location registration request from the mobile terminal.

Claim 4 (Currently Amended): The control system as set forth in claim 2, wherein the instructor is ~~arranged~~ configured to instruct the mobile terminal to change a wireless system with which the mobile terminal performs location registration.

Claim 5 (Currently Amended): The control system as set forth in claim 2, further comprising a group manager configured to manage mobile terminals in groups; wherein, the selector is ~~arranged~~ configured to select, from among the wireless systems, a wireless system with which mobile terminals belonging to a given group perform location registration, based on at least one of the status of the network, the status of each mobile terminal, location information of each mobile terminal, the frequency of incoming call reception of each mobile terminal, and the service area information of the wireless systems; and

the instructor is ~~arranged~~ configured to instruct the selected wireless system to the mobile terminals belonging to the given group.

Claim 6 (Currently Amended): A mobile terminal for mobile communication in a network in which a plurality of wireless systems are available, the mobile terminal comprising:

a selector configured to select from among the wireless systems, a wireless system with which to perform location registration, based on a movement speed of the mobile ~~station~~ terminal, and a frequency of incoming call reception of the mobile terminal; and

a location registration controller configured to perform location registration with the selected wireless system.

Claim 7 (Previously Presented): The mobile terminal as set forth in claim 6, wherein the selector is further configured to select, from among the wireless systems, a wireless system with which to perform location registration, further based on at least one of remaining battery life, location information of the mobile terminal, and service area information of the wireless systems in addition to the movement speed of the mobile station and the frequency of incoming call reception of the mobile terminal.

Claim 8 (Currently Amended): The mobile terminal as set forth in claim 6, wherein, when a control system ~~for controlling~~ configured to control the network specifies a different wireless system, the location registration controller is ~~arranged~~ configured to perform location registration with the different wireless system.

Claim 9 (Currently Amended): A mobile terminal for mobile communication in a network in which a plurality of wireless systems are available, the mobile terminal comprising:

a memory configured to store specific information showing a location of the mobile terminal and a wireless system, associating the location of the mobile terminal and the wireless system with one another; and

a selector configured to select the wireless system associated with the specific information, as a wireless system with which to perform location registration, when the specific information which is stored in the network control system is transmitted with broadcast information from a network control system.

Claims 10-11 (Canceled).

Claim 12 (Currently Amended): The mobile terminal according to Claim 6, wherein the selector is configured to operate at a network control function layer while selecting the wireless system associated with the specific information, the network control function layer is configured to communicate with a fixed end network control function layer, the fixed end network control function layer includes is configured to communicate with a network status management function component, a network information broadcast function component, a wireless system select function component, a wireless system instruction function component, and a location information and user information management function component.

Claim 13 (Currently Amended): The mobile terminal according to Claim 9, wherein the selector is configured to operate at a network control function layer while selecting the wireless system associated with the specific information, the network control function layer is configured to communicate with a fixed end network control function layer, the fixed end network control function layer includes is configured to communicate with a network status management function component, a network information broadcast function component, a wireless system select function component, a wireless system instruction function component, and a location information and user information management function component.